

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042541.D
 Acq On : 01 Nov 2023 16:00
 Operator : MA/JU
 Sample : 05138-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:42:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	57777	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	225501	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	139824	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	311461	20.000	ng	0.00
76) Chrysene-d12	21.503	240	332042	20.000	ng	0.00
86) Perylene-d12	23.921	264	380515	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	513526	143.443	ng	0.00
7) Phenol-d6	7.093	99	627252	127.754	ng	0.00
23) Nitrobenzene-d5	9.122	82	489107	101.110	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	322327	176.567	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1017073	97.878	ng	0.00
79) Terphenyl-d14	19.939	244	2035814	103.961	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	69620	40.806	ng	# 57
3) Pyridine	3.752	79	152909	31.242	ng	98
4) n-Nitrosodimethylamine	3.669	42	120085	50.985	ng	87
6) Aniline	7.263	93	177401	28.425	ng	97
8) 2-Chlorophenol	7.481	128	182459	47.266	ng	99
9) Benzaldehyde	7.087	77	46272	16.352	ng	96
10) Phenol	7.116	94	218294	43.777	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	188463	44.675	ng	98
12) 1,3-Dichlorobenzene	7.798	146	202868	48.626	ng	97
13) 1,4-Dichlorobenzene	7.957	146	207914	49.242	ng	98
14) 1,2-Dichlorobenzene	8.269	146	200934	49.291	ng	99
15) Benzyl Alcohol	8.187	79	185558	53.383	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	292292	43.540	ng	98
17) 2-Methylphenol	8.375	107	156931	44.447	ng	96
18) Hexachloroethane	8.981	117	82757	50.093	ng	96
19) n-Nitroso-di-n-propyla...	8.739	70	161676	46.549	ng	95
20) 3+4-Methylphenols	8.710	107	206857	43.821	ng	96
22) Acetophenone	8.775	105	287976	50.635	ng	# 98
24) Nitrobenzene	9.163	77	243242	51.052	ng	99
25) Isophorone	9.675	82	432510	50.515	ng	98
26) 2-Nitrophenol	9.863	139	97703	48.206	ng	96
27) 2,4-Dimethylphenol	9.910	122	145798	44.512	ng	96
28) bis(2-Chloroethoxy)met...	10.163	93	249762	48.420	ng	100
29) 2,4-Dichlorophenol	10.386	162	179927	55.516	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	190212	53.553	ng	99
31) Naphthalene	10.792	128	570141	48.937	ng	100
32) Benzoic acid	10.045	122	84729m	33.192	ng	
33) 4-Chloroaniline	10.933	127	61505	13.539	ng	97
34) Hexachlorobutadiene	11.016	225	120655	55.950	ng	98
35) Caprolactam	11.775	113	54011	47.432	ng	99
36) 4-Chloro-3-methylphenol	12.039	107	196038	53.150	ng	97
37) 2-Methylnaphthalene	12.398	142	383296	46.714	ng	98
38) 1-Methylnaphthalene	12.616	142	372584	48.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	219483	52.543	ng	99
41) Hexachlorocyclopentadiene	12.692	237	226638	89.703	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	150550	56.270	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042541.D
 Acq On : 01 Nov 2023 16:00
 Operator : MA/JU
 Sample : 05138-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:42:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	164241	51.587	ng	97
46) 1,1'-Biphenyl	13.410	154	533733	49.936	ng	99
47) 2-Chloronaphthalene	13.457	162	401607	51.218	ng	99
48) 2-Nitroaniline	13.698	65	151652	47.956	ng	97
49) Acenaphthylene	14.298	152	683727	52.651	ng	100
50) Dimethylphthalate	14.039	163	537309	51.414	ng	99
51) 2,6-Dinitrotoluene	14.186	165	112523	52.243	ng	98
52) Acenaphthene	14.633	154	387057	49.111	ng	98
53) 3-Nitroaniline	14.527	138	79764	34.382	ng	99
54) 2,4-Dinitrophenol	14.727	184	100546	67.164	ng	96
55) Dibenzofuran	14.969	168	650035	50.728	ng	99
56) 4-Nitrophenol	14.827	139	190107	95.645	ng	92
57) 2,4-Dinitrotoluene	14.969	165	161300	49.303	ng	99
58) Fluorene	15.621	166	532959	51.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	150663	56.183	ng	99
60) Diethylphthalate	15.386	149	553001	52.231	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	273709	52.256	ng	99
62) 4-Nitroaniline	15.692	138	104068	48.211	ng	93
63) Azobenzene	15.904	77	615865	52.787	ng	96
65) 4,6-Dinitro-2-methylph...	15.716	198	76449	39.375	ng	96
66) n-Nitrosodiphenylamine	15.839	169	446365	50.827	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	167300	53.718	ng	96
68) Hexachlorobenzene	16.586	284	194827	56.546	ng	99
69) Atrazine	16.786	200	177890	70.102	ng	99
70) Pentachlorophenol	16.957	266	285162	112.578	ng	99
71) Phenanthrene	17.368	178	842622	51.769	ng	99
72) Anthracene	17.457	178	849149	52.671	ng	100
73) Carbazole	17.745	167	785514	59.892	ng	99
74) Di-n-butylphthalate	18.262	149	1058455	57.469	ng	99
75) Fluoranthene	19.380	202	1049327	54.882	ng	99
77) Benzidine	19.592	184	290894	91.331	ng	99
78) Pyrene	19.745	202	1110187	48.692	ng	99
80) Butylbenzylphthalate	20.627	149	498713	51.213	ng	98
81) Benzo(a)anthracene	21.486	228	1130676	53.520	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	298571	44.468	ng	98
83) Chrysene	21.545	228	1062832	49.526	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	776906	52.789	ng	100
85) Di-n-octyl phthalate	22.297	149	1334050	52.662	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1296117	57.230	ng	95
88) Benzo(b)fluoranthene	23.174	252	1159938	54.716	ng	99
89) Benzo(k)fluoranthene	23.227	252	1087604	46.041	ng	98
90) Benzo(a)pyrene	23.815	252	970845	46.516	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1085164	51.567	ng #	95
92) Benzo(g,h,i)perylene	27.250	276	1026296	51.417	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

